DX-TL5000U

MITSUBISHI ELECTRIC
SECURITY PRODUCTS

16-Channel Digital Video Recorder
With Unique GUI Menu For Simple Programming

Key Features

- Viewing rate up to 960 PPS
- Recording rate up to 240 PPS
- JPEG 2000 video compression
- Graphical User Interface (GUI) menu for simple programming utilizing a standard USB mouse
- Multiple HDD options
- Triplex recorder
- Dual multiplexer outputs
- Abundant copy features
- Advanced motion detection
- Individual field/frame record settings
- Cascading connection
- Multi channel audio recording
- Network capability for remote view and archive

Enterprise Level Digital Video Recorder With Unrivaled Performance & Reliability

The DX-TL5000U from Mitsubishi represents breakthrough innovation in digital video recording technology that provides the utmost in performance for enterprise level security recording applications. Displaying a blazing 960 pictures per second live and up to 240 pictures per second record, access to stunning live and recorded images is possible. With its built in integrated CD/DVD writer and USB ports, archiving is simplified. Built on stable, secure Linux® operating system, the DX-TL5000U is easy to set up and use via USB mouse and an uncomplicated GUI interface. It's highly scalable, too. With cascade connection, up to 15 additional DVRs can be connected to the main unit for access and control up to 256 cameras. Through built-in network, thousands of cameras can be viewed through remote software. Memory can be expanded to terabytes of storage. Options include a security keyboard controller, XGA video output and external HDD extension units. Geared for high end security recording applications that require strong features and performance, the DX-TL5000U is the answer for the biggest security challenges.

Panel Open

DX-TL5000U *16-Channel Digital Video Recorder*

SPECIFICATIONS

Recording Capacity 500GB

Picture Grade	Recording PPS (Camera total)																Rec Picture
	240	120	60	48	32	30	16	13	10	8	4	2	1	0.5	0.25	0.125	
Super	0d15h	1d7h	2d15h	3d7h	4d23h	5d6h	9d21h	12d4h	15d19h	19d19h	39d13h	79d4h	158d7h	316d15h	633d7h	1266d15h	13679000
Fine	0d18h	1d13h	3d1h	3d20h	5d19h	6d3h	11d13h	14d5h	18d11h	23d3h	46d5h	92d10h	184d23h	369d21h	739d19h	1479d14h	15979000
High	0d22h	1d20h	3d17h	4d15h	6d22h	7d9h	13d21h	17d2h	22d5h	27d18h	55d13h	111d2h	222d5h	444d10h	888d20h	1777d17h	19198000
Standard	1d3h	2d7h	4d15h	5d19h	8d16h	9d6h	17d9h	21d9h	27d19h	34d18h	69d12h	139d	278d2h	556d5h	1112d10h	2224d21h	24028000
Basic	1d12h	3d2h	6d4h	7d17h	11d14h	12d9h	23d5h	28d13h	37d3h	46d9h	92d19h	185d14h	371d6h	742d13h	1485d1h	2970d3h	32076000
Long	2d7h	4d15h	9d7h	11d15h	17d10h	18d14h	34d20h	42d21h	55d18h	69d17h	139d8h	278d18h	557d.14h	1115d4h	2230d8h	4460d17h	48175000

The camera operation setting is set to the same interval for all cameras (without audio recording).

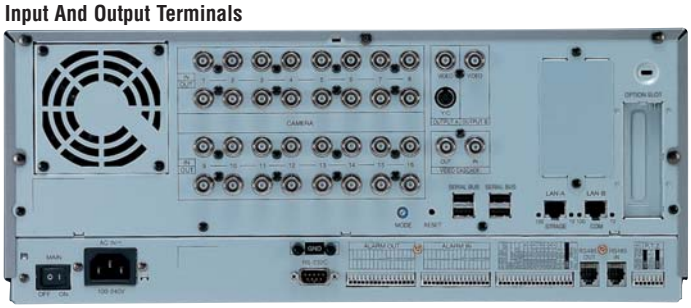
Recording time - d:day h:hour

Item		Description
Main Recording Medium		2 large capacity HDD is built-in, Additional 1 HDD can be added internally to increase on-board storage.
Internal Recording Medium		DVD drive (DVD-R/RW, CD-R/RW)
External Recording Medium		Extended recording HDD (Optional) NAS drive SCSI I/F HDD
Color System		NTSC system
Signal Compression System		JPEG2000
Number of Picture Elements Processed		720 x 240 pixels : Field recording 720 x 480 pixels : Frame recording
Display rate		960 field/sec./display (60 field/ch)
Recording rate		240 field/sec. (60 field/ch)
Video Terminal	Input	16-channel input BNC : 1.0Vp-p 75Ω
	Through Output	16-channel through output BNC : 1.0Vp-p 75Ω (during AC power supply)
	Output A	BNC 1-channel : 1.0Vp-p 75Ω S terminal 1-channel : Y 1.0Vp-p 75Ω/ C 0.3Vp-p 75Ω RCA output 1-channel : 1.0Vp-p 75Ω
	Output B	BNC 1-channel : 1.0Vp-p 75Ω
Audio Recording System		PCM
Audio Terminal	Input	4-channel RCA-Pin plug : 308mV(rms), 50kΩ
	Output	RCA-Pin plug on rear : 308mV(rms), 1kΩ
Recording Interval		Can be set for each camera with function to estimate possible recording time
Alarm Recording		Recording time : 2sec, 5sec, 10sec, 15sec, 30sec, 45sec, 1min, 2min, 5min, 10min, 20min, 30min, 60min and contact
Pre-alarm Recording		Can be set from 1 sec. up to 1 hour (LPA/Emergency)
Emergency Recording		Emergency input terminal (rear)
Power Failure Recovery Recording		Auto-restart of unit after power failure
HDD Usage		Displays percentage of hard disk space used
Menu		GUI menu
Menu Language		English, French, and Spanish
Motion Detection Function		22(H) x 19(V) detection area setting, 5 steps detection sensitivity setting, recording start dot number setting

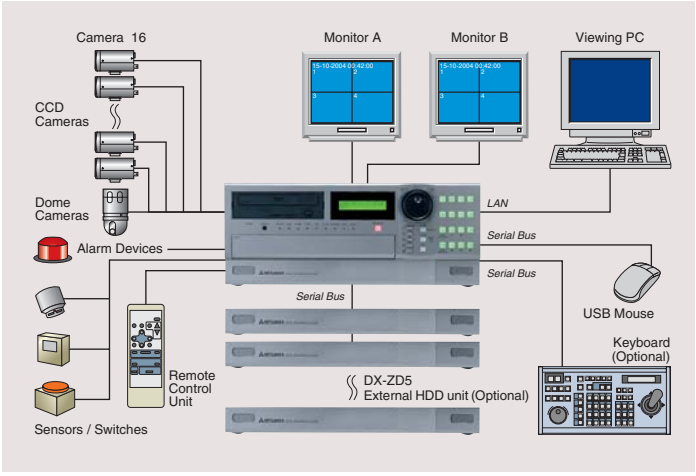
Item		Description
Clock Adjusting Function		Clock adjusting input (rear terminal)
Retrieval		Date & Time search, Alarm List search, Bookmark search, Motion search
Multiplexer Function		Split display : 4, 9, 10, 13, 16 split display x 2 Sequential display : 1, 4, 9 display x 2
Interface	Input	16-channel ALARM IN 1-channel REC IN 1-channel REC STOP IN 1-channel EMERGENCY 1-channel CLOCK ADJ
	Output	4-channel MODE OUT 16-channel ALARM OUT 1-channel CALL OUT 1-channel CLOCK ADJ OUT DC12V OUT
	RS232C	1-port for TL5000 control
	RS422/RS232C/ RS485	1-port Camera control
	RS485	1-port for Cascade control input, 1-port for output
	Remote Access	1-jack for wired remote control unit connection (optional)
	Serial Bus	2-port of USB jack on front, 4-port on rear
	LAN	2-port of 10/100Base-T/TX LAN-A for External Recording, LAN-B for communication
Network		Live viewing, Live viewing & Playback and search by TCP/IP and WEB Image data downloading, PTZ Control, Access to multiple DVRs by TCP/IP Alarm notification by E-mail and TCP/IP
Power Supply		AC100-240V 56/60Hz
Power Consumption		1.0-0.45A (100-240V)
Operational Conditions		Temperature: 5°C-40°C; Humidity: 30%-80%; Altitude: Max 2000m
Dimensions (W x D x H)		16.8 x 15.4 x 6.9" (425 x 390 x 175 mm)
Weight		30.8 lbs. (14.0 kg) (capacity:500GB)
Accessories		AC power cord (Continental plug), USB mouse, Instruction manual

Cascading Connection

Input And Output Terminals



System Structure



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5 YEAR WARRANTY

E.X.P.R.E.S.S. REPLACEMENT E.R.A. ASSISTANCE

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IP7054-08/07-WEB